

Internet Services & Web Development**Cascading Style Sheets****1. Inline styles**

- Include the following HTML code into a BODY section of a Web page and save it as **css1.html**

```
<h1> Department of Physical Education </h1>
<h2>Vision </h2>
To socialize a law – abiding and socially productive graduate, with the ability of effective leadership qualities and fair decision making, who is physically and mentally well balanced
<h2> Mission</h2>
To produce an active and healthy generation with theoretical knowledge and practical activities of Physical Education.
```

- Browse your Web page. Save your page as **css2.html**
- Using **style attribute** do the changes
 - Set the background color to "yellow" and the text color to red in **<h1>** element
 - Change the color of all **<h2>** element to "purple".
- Browse your Web page and notice the changes

2. Internal Style Sheet

- Copy your **css1.html** file as **css3.html**. Include the following code into head section of **css3.html** file. Browse your web page.

```
<style>
h1 {
    color: maroon;
    text-align: center;
}
</style>
```

- Change **h1** line as the following. Browse your web page and understand how to group internal styles

```
h1,h2 {color:maroon; text-align:center ;}
```

- Set "background-color: linen" for the page

3. External style sheet

- Include the following code in a text editor and save your file as **mystyle.css** in your working folder

```
body {
    background-color: lightblue;
}
```

```

h1,h2 {
    color: navy;
    margin-left: 20px;
}

h2 {
    background-color:#ff6347 ;
}

```

- b. Open css1.html file in a text editor and join mystyle.css file as an external style sheet by including the following line in head section

```
<link rel="stylesheet" type="text/css" href="mystyle.css">
```

- c. View your web page

4. CSS Classes

- a. Include the following HTML code into a Web page and save it as **css_classes.html**

```

<!DOCTYPE html>
<html>
<head>
<style>

</style>
</head>
<body>
<div>
<h1>This is a Heading</h1>
<p>This is a paragraph.</p>
<p>This is another paragraph.</p>

</div>

<div>
<ul> <li>one
<li> two
</ul>
</div>
<h2> Register Now </h2>
</body>
</html>

```

- b. Change the text color of all elements with the class "colortext", to "red".
c. Change the background color of all <p> elements with the class "highlight", to "yellow".
d. Name the first div element as "container" using id attribute
e. Change the background color of the div element named container
f. **CSS class for a specific tag**

Write down following line anywhere in between style section.

```
li.style1 {background-color:purple }
```

- g. Call your class in tags and <h2> tag and understand the difference between class and class for a specific tag

5. Working with layouts

- a. Try to create a two column layout using the codes given below. Write the following under the body section of your web page

```
<div style="width:500px">
```

```
    <div style="background-color:yellow;
```

```
        height:200px;
```

```
        width:100px;
```

```
        float:left;">
```

```
            left column text goes here
```

```
    </div>
```

```
    <div style="background-color:purple;
```

```
        height:200px;
```

```
        width:400px;
```

```
        float:left;"> right column text goes here
```

```
    </div>
```

```
</div>
```

- b. Delete all CSS style codes in your web page. Make an external style sheet to above css styles.
c. Link your external sheet to web page and browse your web page

6. Write statements in a CSS file (External Style Sheet) to do the following Tasks

- i. A rule for all heading tags making the color green
- ii. Change background color of a page to #cccccc hex value
- iii. A CSS class to center text
- iv. A CSS class to justify text
- v. Include divisions according to the details given in the table below.

Division Name	Attributes	Values/Requirements
Container	Width top margin left & right Margin Padding border	1000px 10px auto 10px 2px solid #000000
header	Padding background color	All padding should be 10px #f0e2bb
footer	Background color color	#933 #FFFFFF
content	Background color	#fff

- b. Write relevant HTML codes to make the web page shown in figure1 . Include the external style sheet (style.css) you written above

